



SHEET 1 OF 3

INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.  
**066821-0276**SERIAL NO.  
**10/782,627**APPLICANT  
**Reed, John C., et al.**FILING DATE  
**February 18, 2004**GROUP  
**1643**

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SR	1.	US 5,539,094	07/23/1996	Reed et al.	
	2.	US 5,650,491	07/22/1997	Reed et al.	
	3.	US 5,652,223	07/29/1997	Kohn et al.	

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number & Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation Yes No
SR	4.	WO 95/13292	5/18/95	La Jolla Cancer Research Foundation		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
SR	5.	Ausubel et al., <u>Current Protocols in Molecular Biology</u> , John Wiley and Sons, New York (1994)
	6.	Database, Genbank-EST, National Center for Biotech. Info., Accession No. AA693697, Hillier et al., "WashU-NCI human EST project," 16 December 1997
	7.	Database, Genbank-EST, National Center for Biotech. Info., Accession No. AA456862, NCI_CGAP, "National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index," 15 August 1997
	8.	Database, Genbank-EST, National Center for Biotech. Info., Accession No. G29287, Myers, 4 October 1996.
	9.	Database, Genbank-EST, National Center for Biotech. Info., Accession No. G06974, Hudson, "Whitehead Institute.MIT Center for Genome Research," 19 October 1995
	10.	Database, Genbank-EST, National Center for Biotech. Info., Accession No. V81267, OTSUKA PHARM CO. LTD., "New Bcl-2 interaction protein gene (Bis)-useful for elucidation of the molecular mechanism of apoptosis, and in diagnosis, prevention and treatment of diseases," 15 December 1998.
	11.	Database, Genbank-EST, National Center for Biotech. Info., Accession No. T19051, Matsubara et al., "Identifying gene signatures in 3'-directed human cDNA library," 01 June 1995
	12.	Database, Genbank-EST, National Center for Biotech. Info., Accession No. Q90296, LA JOLLA CANCER RESEARCH FOUNDATION, "Human Bcl-2 associated protein BAG-1 cDNA," 18 May 1995.
	13.	Ellis, "Molecular chaperones: Avoiding the crowd," <u>Curr. Biol.</u> 7:R531-R533 (1997).
	14.	Grunert and Jackson, "The immediate downstream codon strongly influences the efficiency of utilization of eukaryotic translation initiation codons," <u>EMBO J.</u> 13:3618-3630 (1994).

EXAMINER

DATE CONSIDERED


\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(PTO-1449)		APPLICANT <b>Reed, John C., et al.</b>	
		FILING DATE <b>February 18, 2004</b>	GROUP <b>1643</b>
<b>src</b>	15.	Hillier, L., et al., Unpublished, 1997, Database GenBank EST Accession No. AI815738, au43g01.y1 "Schneider fetal brain 00004 Homo sapiens cDNA clone IMAGE:2517552, 5'similar to TR:075315"; <del>see USPTO Search Report US 09-394-142b-2-copy-1-85, result 1.</del>	
	16.	Hillier, L., et al., Unpublished, 1997, Database GenBank EST Accession No. AI815738, au43g01.y1 "Schneider fetal brain 00004 Homo sapiens cDNA clone IMAGE:2517552, 5'similar to TR:075315"; <del>see USPTO Search Report US 09-394-142b-2-copy-57-89, result 2.</del>	
	17.	Hillier, L., et al., Unpublished, 1997, Database GenBank EST Accession No. AI815738, au43g01.y1 "Schneider fetal brain 00004 Homo sapiens cDNA clone IMAGE:2517552, 5'similar to TR:075315"; <del>see USPTO Search Report US 09-394-142b-1-copy-272-318, result 3.</del>	
	18.	Höhfeld et al., "Hip, a novel cochaperone involved in the eukaryotic Hsc70/Hsp40 reaction cycle," <i>Cell</i> 83:589-598 (1995).	
	19.	Höhfeld et al., "GrpE-like regulation of the Hsc70 chaperone by the anti-apoptotic protein BAG-1," <i>EMBO J.</i> 16:6209-6216 (1997).	
	20.	Huse et al., "Generation of a large combinatorial library of the immunoglobulin repertoire in phage lambda," <i>Science</i> 246:1275-1281 (1989).	
	21.	Innis et al., <i>PCR Protocols - A guide to methods and applications</i> , Academic Press, Inc., pp. 40-41 (1990).	
	22.	Kozak, "Recognition of AUG and alternative initiator codons is augmented by G in position +4 but is not generally affected by the nucleotides in positions +5 and +6," <i>EMBO J.</i> 16:2482-2492 (1997).	
	23.	Matsuzawa et al., "p53-inducible human homologue of Drosophila seven in absentia (Siah) inhibits cell growth: suppression by BAG-1," <i>EMBO J.</i> 17:2736-2747 (1998).	
	24.	Minami et al., "Regulation of the heat-shock protein 70 reaction cycle by the mammalian DnaJ homolog, Hsp40," <i>J. Biol. Chem.</i> 271:19617-19624 (1996).	
	25.	Nielsen, P.E. et al., "Peptide nucleic acids (PNAs): Potential anti-sense and anti-gene agents," <i>Anticancer Drug Des.</i> 8:53-63 (1993).	
	26.	Prapapanich et al., "Mutation of Hip's carboxy-terminal region inhibits a transitional stage of progesterone receptor assembly," <i>Mol. &amp; Cell Biol.</i> 18:944-952 (1998).	
	27.	Sambrook et al., <i>Molecular cloning: A laboratory manual</i> , 2nd Edition, Cold Spring Harbor Laboratory Press, (1989).	
	28.	<del>Search Report "us-09-394-142b-2.rge," pp. 3 and 4, see result 3.</del>	
	29.	Sudol, "The WW module competes with the SH3 domain?," <i>TIBS</i> 21:161-163 (1996).	
	30.	Takayama, S, Direct Submission, Sep. 03, 1997, Database GenBank Accession No. AF022224, "Homo sapiens Bcl-2-binding protein (BAG-1) mRNA, complete cds"; <del>see USPTO Search Report Results of US-09-394-142b-1.rge (result 1).</del>	
	31.	Takayama, S, Direct Submission, Sep. 03, 1997, Database GenBank Accession No. AF022224, "Homo sapiens Bcl-2-binding protein (BAG-1) mRNA, complete cds"; <del>see USPTO Search Report Results of US-09-394-142b-1-copy-46-1201.rge (result 1).</del>	
<b>↓</b>	32.	Takayama, S, Direct Submission, Sep. 03, 1997, Database GenBank Accession No. AF022224, "Homo sapiens Bcl-2-binding protein (BAG-1) mRNA, complete cds"; <del>see USPTO Search Report Results of US-09-394-142b-2-copy-1-85.rge (result 2).</del>	
EXAMINER <b>1 L</b>		DATE CONSIDERED <b>4/9/07</b>	

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		<b>FILING DATE</b> <b>February 18, 2004</b>	<b>GROUP</b> <b>1643</b>
<b>5K</b>	33.	Takayama, S, Direct Submission, Sep. 03, 1997, Database GenBank Accession No. AF022224, "Homo sapiens Bcl-2-binding protein (BAG-1) mRNA, complete cds"; <del>see USPTO Search Report Results of US-09-394-142b-2_copy_57-89.rge (result 2).</del>	
	34.	Takayama, S, Direct Submission, Sep. 03, 1997, Database GenBank Accession No. AF022224, "Homo sapiens Bcl-2-binding protein (BAG-1) mRNA, complete cds"; <del>see USPTO Search Report Results of US-09-394-142b-1_copy_272-310.rge (result 2).</del>	
	35.	Takayama et al., "Cloning of cDNAs Encoding the Human BAG1 Protein and Localization of the Human BAG1 Gene to Chromosome 9p12," <u>Genomics</u> , 35:494-498 (1996).	
	36.	Takayama et al., "BAG-1 modulates the chaperone activity of Hsp70/Hsc70," <u>EMBO J.</u> 16:4887-4896 (1997).	
	37.	Takayama et al., "Expression and Location of Hsp70/Hsc-Binding Anti-Apoptotic Protein BAG-1 and Its Variants in Normal Tissues and Tumor Cell Lines," <u>Canc. Res.</u> , 58:3116-3131 (1998).	
	38.	Takayama et al., "An Evolutionarily Conserved Family of Hsp70/Hsc70 Molecular Chaperone Regulators," <u>J. Biol. Chem.</u> , 274(2):781-786 (1999).	
	39.	Terada et al., "The human DnaJ homologue dj2 facilitates mitochondrial protein import and luciferase refolding," <u>J. Cell Biol.</u> 139:1089-1095 (1997).	
	40.	Xie et al., "Acidic pH promotes dimerization of Bcl-2 family proteins," <u>Biochem.</u> 37:6410-6418 (1998).	
	41.	Zeiner, M, Direct Submission, Jul. 28, 1994, Database GenBank Accession No. Z35491, "H. sapiens mRNA for novel glucocorticoid receptor-associated protein"; <del>see USPTO Search Report US-09-394-142b-2_copy_1-85.rge, result 4.</del>	
	42.	Zeiner, M, Direct Submission, Jul. 28, 1994, Database GenBank Accession No. Z35491, "H. sapiens mRNA for novel glucocorticoid receptor-associated protein"; <del>see USPTO Search Report US-09-394-142b-2_copy_57-89.rge, result 4.</del>	
	43.	Zeiner, M, Direct Submission, Jul. 28, 1994, Database GenBank Accession No. Z35491, "H. sapiens mRNA for novel glucocorticoid receptor-associated protein"; <del>see USPTO Search Report US-09-394-142b-1_copy_272-310.rge, result 4.</del>	
	44.	Zeiner et al., "Mammalian protein RAP46: an interaction partner and modulator of 70 kDa heat shock proteins," <u>EMBO J.</u> 16:5483-5490 (1997).	
45.	Zeiner and Gehring, "A protein that interacts with members of the nuclear hormone receptor family: Identification and cDNA cloning," <u>Proc. Natl. Acad. Sci. USA</u> 92:11465-11469 (1995).		
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